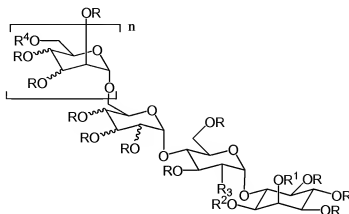


In the Claims:

1. **(currently amended)** A compound represented by formula I:



wherein,

n is 1, 3, or 4;

R represents independently for each occurrence H, alkyl, aryl, -CH₂-aryl, -C(O)-alkyl, -C(O)-aryl, or -Si(alkyl)₃;

R¹ and R² are independently H, -CH₂-aryl, -C(O)-alkyl, -C(O)-aryl, -Si(alkyl)₃; or R¹ and R² taken together are C(CH₃)₂, P(O)OH, or P(O)OR⁵;

R³ is amino, -N₃, or -NH₃X;

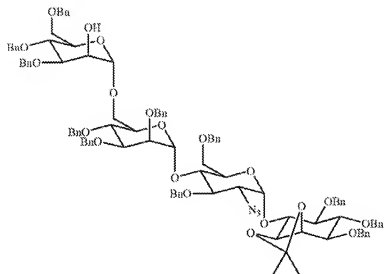
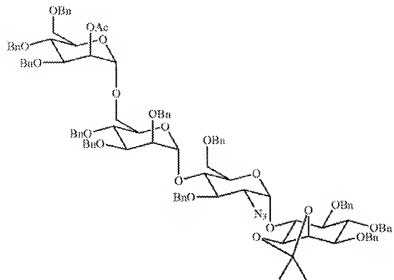
R⁴ represents independently for each occurrence [[H,]] alkyl, aryl, -CH₂-aryl, -C(O)-alkyl, -C(O)-aryl, -Si(alkyl)₃, or -P(O)(OR⁵)₂;

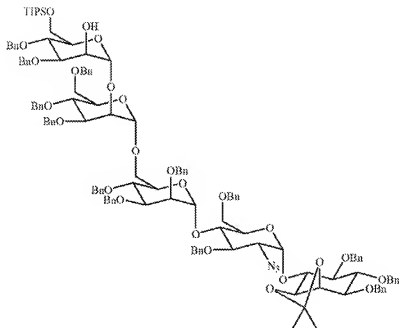
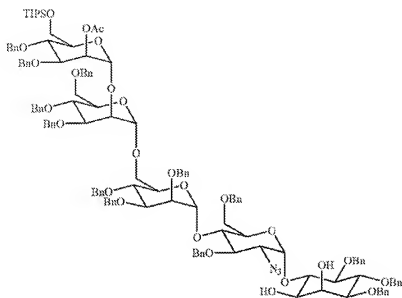
R⁵ represents independently for each occurrence H, [[Li⁺,]] Li⁺, Na⁺, K⁺, Rb⁺, Cs⁺, aryl, or an optionally substituted alkyl group; and

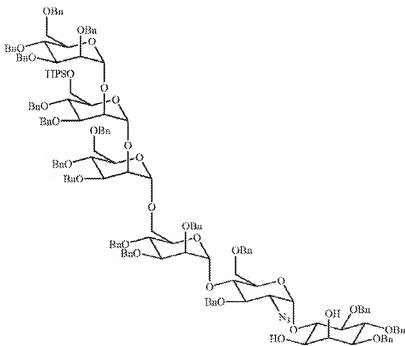
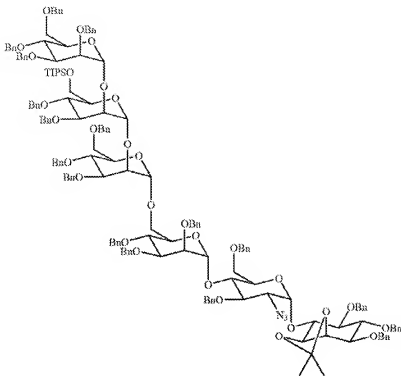
X is a halogen, alkyl carboxylate, or aryl carboxylate.

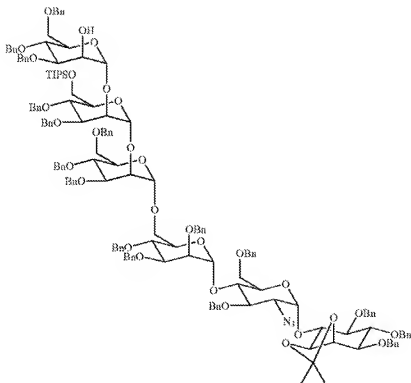
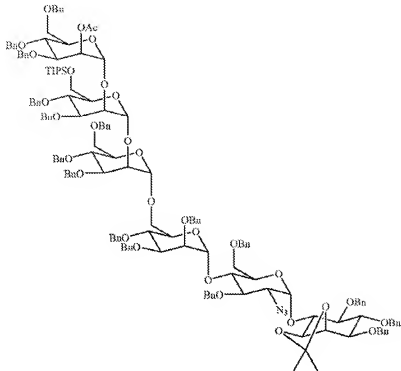
2. **(canceled)**
3. **(original)** The compound of claim 1, wherein n is 3.
4. **(original)** The compound of claim 1, wherein R is H.

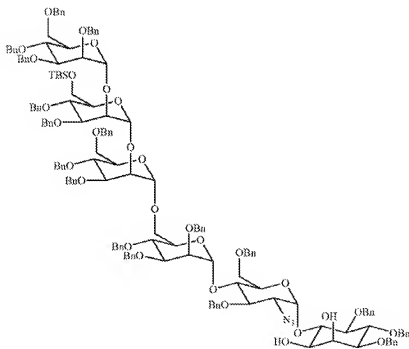
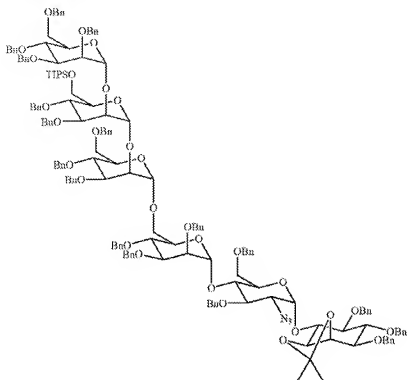
5. **(original)** The compound of claim 1, wherein R^1 and R^2 taken together are $P(O)OR^5$.
6. **(original)** The compound of claim 1, wherein R^3 is N_3 .
7. **(original)** The compound of claim 1, wherein R^3 is $-NH_3X$.
8. **(currently amended)** The compound of claim 1, wherein R^4 represents independently for each occurrence $[[H,]]-CH_2Ph$, or $-Si(alkyl)_3$.
9. **(currently amended)** The compound of claim 1, wherein R^4 represents independently for each occurrence $[[H,]]-CH_2Ph$, -or $P(O)OR^5$; and R^5 is an optionally substituted alkyl group.
10. **(previously presented)** A compound selected from the group consisting of:

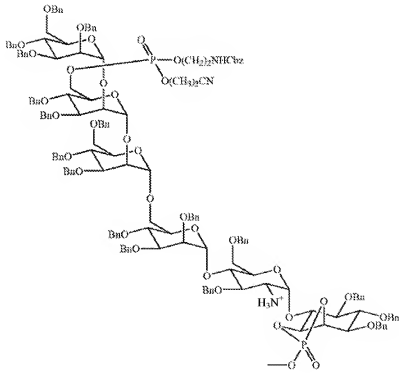
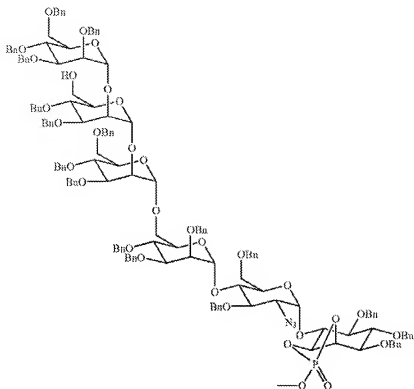


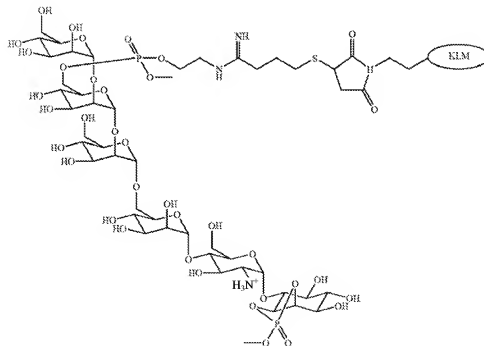
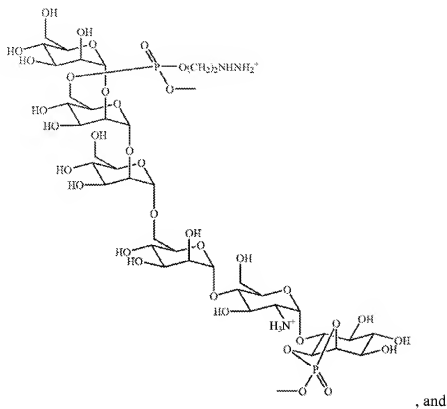




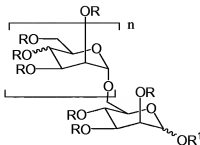








11. **(currently amended)** A compound represented by formula II:



II

wherein,

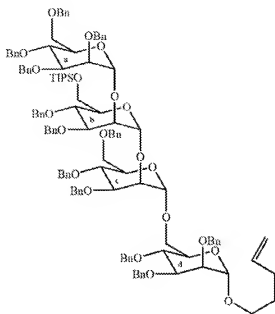
n is $[[1,]]$ 3, or 4;

R represents independently for each occurrence H, alkyl, aryl, $-\text{CH}_2\text{-aryl}$, $-\text{C(O)-alkyl}$, $-\text{C(O)-aryl}$, or $-\text{Si(alkyl)}_3$;

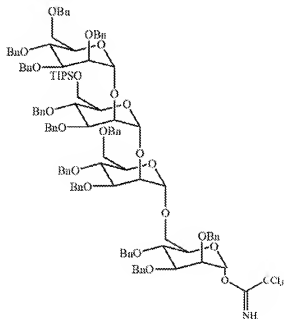
R^1 is $-(\text{CH}_2)_m\text{CH}=\text{CH}_2$ or trichloroacetimidate; and

m is 1-6.

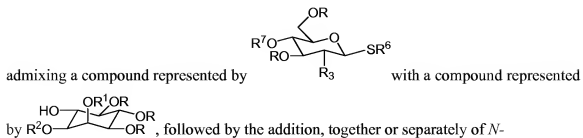
12. **(canceled)**
13. **(original)** The compound of claim 11, wherein n is 3.
14. **(original)** The compound of claim 11, wherein m is 3.
15. **(original)** The compound of claim 11, wherein R represents independently for each occurrence $-\text{CH}_2\text{-aryl}$ or $-\text{Si(alkyl)}_3$.
16. **(original)** The compound of claim 11, wherein R represents independently for each occurrence benzyl or $-\text{Si(iPr)}_3$.
17. **(previously presented)** The compound of claim 11, wherein R^1 is trichloroacetimidate and R represents independently for each occurrence benzyl or $-\text{Si(iPr)}_3$.
18. **(previously presented)** The compound of claim 11, wherein said compound of formula II is selected from the group consisting of:



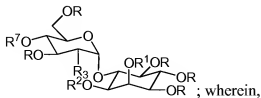
and



19. (currently amended) A method comprising the step of:



iodosuccinimide and silver triflate, thereby forming a compound represented by



R represents independently for each occurrence H, alkyl, aryl, $-\text{CH}_2\text{-aryl}$, $-\text{C}(\text{O})\text{-alkyl}$, $-\text{C}(\text{O})\text{-aryl}$, or $-\text{Si}(\text{alkyl})_3$;

R^1 and R^2 are independently H, $-\text{CH}_2\text{-aryl}$, $-\text{C}(\text{O})\text{-alkyl}$, $-\text{C}(\text{O})\text{-aryl}$, $-\text{Si}(\text{alkyl})_3$; or R^1 and R^2 taken together are $\text{C}(\text{CH}_3)_2$, $\text{P}(\text{O})\text{OH}$, or $\text{P}(\text{O})\text{OR}^5$;

R^3 is amino, $-\text{N}_3$, or $-\text{NH}_3\text{X}$;

R^5 represents independently for each occurrence H, $[[\text{Li}^+]]$, Li^+ , Na^+ , K^+ , Rb^+ , Cs^+ , aryl, or an optionally substituted alkyl group;

R^6 is alkyl or aryl;

R^7 is alkyl, aryl, $-\text{CH}_2\text{-aryl}$, $-\text{C}(\text{O})\text{-alkyl}$, $-\text{C}(\text{O})\text{-aryl}$, or $-\text{Si}(\text{alkyl})_3$; and

X is a halogen, alkyl carboxylate, or aryl carboxylate.

20. (original) The method of claim 19, wherein R is $-\text{CH}_2\text{-aryl}$.
21. (original) The method of claim 19, wherein R^1 and R^2 taken together are $\text{C}(\text{CH}_3)_2$.
22. (original) The method of claim 19, wherein R^3 is $-\text{N}_3$.
23. (original) The method of claim 19, wherein R^6 is alkyl.
24. (original) The method of claim 19, wherein R^7 is $-\text{C}(\text{O})\text{-alkyl}$.
25. (original) The method of claim 19, wherein R is benzyl, R^1 and R^2 taken together are $\text{C}(\text{CH}_3)_2$, and R^3 is $-\text{N}_3$.
26. (original) The method of claim 19, wherein R is benzyl, R^1 and R^2 taken together are $\text{C}(\text{CH}_3)_2$, R^3 is $-\text{N}_3$, and R^6 is ethyl.
27. (previously presented) A method of preparing a tetrasaccharide, comprising the steps of:

